2018 Mosquito-Borne Illnesses in Humans and Animals

Updated 08/02/18

This county-by-county report shows human cases and other data currently reported to MSDH. WNV human cases and WNV-positive horses, mosquito samples and blood donors are indications that WNV is circulating in the state. All residents, regardless of county of residence, should take precautions to prevent WNV infection.

Actors Actala Betton Bolivar Carroll Christan Chicksasw Chockw Claiborn Clarky Coahoma Corpish Ti Covington Ferrarki Fer		Human Cases of Mosquito-Borne Illnesses					Horses	Horses WNV Testing		
Adams		WNV	Chikungunya	Zika	Other 1	Deaths	All Illnesses	Positive Mosquito Samples 2	Positive Blood Donors 3	
Alcorn Article Attala Bestote Bolivar Carroll Chickasaw	TOTAL	11	0	0	0	0	1	65	1	
Ante	Adams							3		
Attala	Alcorn									
Beston	Amite									
Bolivar	Attala									
Calhoun Carroll Chickasaw Chortaw Calbiborie Clorke	Benton									
Carroll Chickasaw Chicka	Bolivar									
Chickasaw Claiborne Claire Clarke Clay Clay Coohoma Coopinh 1 Cowington De Soto Forrest 1 Forres	Calhoun									
Chockaw Clarke										
Clabre										
Carke	Choctaw									
Cayer	Claiborne									
Coaloma	Clarke									
Copiah	Clay									
Covington	Coahoma									
De Soto		1						1		
Forrest 1 1	Covington									
Franklin	De Soto									
Gerge Greene Gre	Forrest	1						1		
Grened Grenada Grenada Hancock Harrison Hinds S Humphreys Staguena Itawamba Itawamba Itawamba Itawamba Itawamba Itayamba Jefferson Jefferson Davis Jones Kemper Lalafayette Lamar Lauderdale Laurence Leake Lee Lee Lefler Lee Lefler Lee Leflore Lincoin Lincoin Lincoin Lincoin Lincoin Lincoin Lincoin Marison If I	Franklin									
Grenada	George									
Harrison Hinds 5	Greene									
Harrison	Grenada									
Hinds 5 14 14 14 14 15 15 15	Hancock									
Holmes Humphreys Issaquena Itawamba Itawamba Itawamba Itawamba Itamar Jefferson Jeffer	Harrison									
Humphreys	Hinds	5						14		
Issaquena	Holmes									
Itawamba 1<	Humphreys									
Itawamba 1<	Issaquena									
Jasper	Itawamba	1								
Jefferson	Jackson						1			
Jefferson Davis	Jasper									
Jones	Jefferson									
Kemper Lafayette Lamar Lamar Lauderdale Lauderdale Lauderdale Lawrence	Jefferson Davis									
Lafayette Image: Control of the control o	Jones									
Lamar Lauderdale Image: Control of the property of th	Kemper									
Lauderdale Lawrence	Lafayette									
Lawrence <	Lamar									
Leake <td>Lauderdale</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Lauderdale									
Lee	Lawrence									
Leffore Image: Company of the company of	Leake									
Lincoln Image: Company of the company of	Lee									
Lowndes </td <td>Leflore</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Leflore									
Madison 1 2 1 Marshall 2 1 Monroe 3 3 3 Montgomery 4 4 4 Neshoba 5 4 4 Newton 6 4 4 Noxubee 6 4 4 Oktibbeha 1 4 4 Panola 7 8 8	Lincoln									
Marion 1 2 1 Marshall 5 5 5 Monroe 6 6 6 6 Montgomery 7 6 6 6 6 Neshoba 8 6	Lowndes									
Marshall <	Madison									
Monroe <td>Marion</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td>1</td>	Marion	1						2	1	
Montgomery	Marshall									
Montgomery	Monroe									
Neshoba </td <td>Montgomery</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Montgomery									
Newton	Neshoba									
Oktibbeha 1 Panola Pearl River 1 8	Newton									
Oktibbeha 1 Panola Pearl River 1 8	Noxubee									
Panola 9 8 Pearl River 1 8	Oktibbeha	1								
Pearl River 1 8	Panola									
	Pearl River	1						8		
	Perry									

Pike					
Pontotoc					
Prentiss					
Quitman					
Rankin				2	
Scott				3	
Sharkey					
Simpson					
Smith					
Stone					
Sunflower				10	
Tallahatchie					
Tate					
Tippah					
Tishomingo					
Tunica					
Union					
Walthall				1	
Warren					
Washington				5	
Wayne					
Webster					
Wilkinson					
Winston					
Yalobusha			 		
Yazoo					
Unspecified County					_

Human case count represents only those confirmed by laboratory testing.

- 1 Other mosquito-borne illnesses include La Crosse encephalitis, St. Louis encephalitis, and Eastern Equine encephalitis. Humans as well as horses can be infected with mosquito-borne illnesses, and infected horses indicate that humans may also be at risk.

 More about these diseases in the diseases in the control of the
- 2 Mosquitoes are trapped and tested for West Nile virus in selected counties where a higher number of human cases have occurred in previous years. WNV-positive mosquitoes indicate that WNV is circulating in the state, and that all residents, regardless of location, should take precautions.
- 3 Infected blood donors are identified through routine screening to ensure the safety of transfusion products. WNV-positive blood donors who are symptomatic are included in the WNV human case count.